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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of:

Applicants: GAO, Zhiqiang, et al.

Application No.: 10/577,293

Date Filed: April 29, 2006

**Title: METHOD FOR DETECTING
ANALYTES BY MEANS OF
AN ANALYTE/POLYMERIC
ACTIVATOR BILAYER
ARRANGEMENT**

Docket No.: 4276-103

Conf. No.: 8043

Art Unit:

Examiner: Not Yet Assigned

Customer No.:

23448

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I hereby certify that I am mailing the attached documents to the Commissioner for Patents on the date specified, in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313, First Class Mailed under the provisions of 37 CFR 1.8.


Kate Pope

November 7, 2006

Date of Mailing

**INFORMATION DISCLOSURE STATEMENT IN
U.S. PATENT APPLICATION NO. 10/577,293**

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Respectfully submitted,

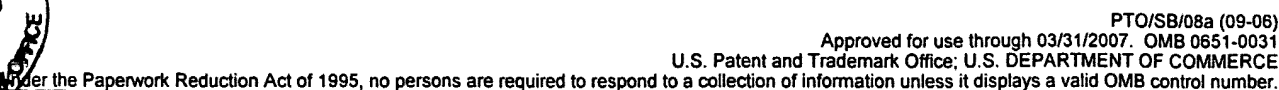


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Enclosures:
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Non-Patent References [86 pgs.]
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(Use as many sheets as necessary)

Sheet

1

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Complete if Known

Application Number	10/577,293
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Filing Date	4/29/2006
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First Named Inventor	Gao et al.
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Art Unit	Not Yet Assigned
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Examiner Name	Not Yet Assigned
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Attorney Docket Number	4276-103
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U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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Application Number	10/577,293
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First Named Inventor	Gao et al.
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	4276-103

Sheet 2 of 3

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AG	BAKKER, ERIC, ET AL., Electrochemical sensors, Anal. Chem., June 15, 2002, Page(s) 2781-2800, Volume 74, Number 12	
	AH	BESTE, GERALD, ET AL., Small antibody-like proteins with prescribed ligand specificities derived from the lipocalin fold, Proc. Natl. Acad. Sci. USA, March 2, 1999, Page(s) 1898-1903, Volume 96, Number 5	
	AI	BU, HAI-ZHI, ET AL., Modification of Ferrocene-Containing Redox Gel Sensor Performance by Copolymerization of Charged Monomers, Anal. Chem., November 15, 1996, Page(s) 3951-3957, Volume 68, Number 22	
	AJ	BU, HAI-ZHI, ET AL., NAD(P)H Sensors Based on Enzyme Entrapment in Ferrocene-Containing Polyacrylamide-Based Redox Gels, Anal. Chem., October 15, 1998, Page(s) 4320-4325, Volume 70, Number 20	
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	AL	ERRKILA, KATHRYN E., ET AL., Recognition and Reaction of Metallointercalators with DNA, Chem. Rev., September 1999, Page(s) 2777-2795, Volume 99, Number 9	
	AM	GAO, ZHIQIANG, ET AL., Electrodeposition of Redox Polymers and Co-Electrodeposition of Enzymes by Coordinative Crosslinking, Angew. Chem. Int. Ed., March 1, 2002, Page(s) 810-813, Volume 41, Number 5	
	AN	PARK, SO-JUNG, ET AL., Array-Based Electrical Detection of DNA with Nanoparticle Probes, Science, February 22, 2003, Page(s) 1503-1506, Volume 295, Number 5559	
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	AP	TAKENAKA, SHIGEORI, ET AL., DNA Sensing on a DNA Probe-Modified Electrode Using Ferrocenylnaphthalene Diimide as the Electrochemically Active Ligand, Anal. Chem., March 15, 2000, Page(s) 1334-1341, Volume 72, Number 6	

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Sheet	3	of	3	Attorney Docket Number	4276-103

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	AQ	XIE, HONG, ET AL., Amperometric Detection of Nucleic Acid at Femtomolar Levels with a Nucleic Acid/Electrochemical Activator Bilayer on Gol, Anal. Chem., March 2004, Page(s) 1611-1617, Volume 76, Number 6	
	AR	ZEMAN, STEVEN M., ET AL., Characterization of covalent Adriamycin-DNA adducts, Proc. Natl. Acad. Sci. USA, September 29, 1998, Page(s) 11561-11565, Volume 95, Number 20	
	AS	ZHANG, YONGCHAO, ET AL., Enzyme-Amplified Amperometric Detection of 3000 Copies of DNA in a 10-L Droplet at 0.5 fM Concentration, Anal. Chem., July 1, 2003, Page(s) 3267-3269, Volume 75, Number 13	
	AT	ZHANG, SUXIA, ET AL., Multilayered construction of glucose oxidase and poly(allylamine)ferrocene on gold electrodes by means of layer-by-layer, Sensors and Actuators B, July 15, 2004, Page(s) 387-393, Volume 101, Number 3	

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